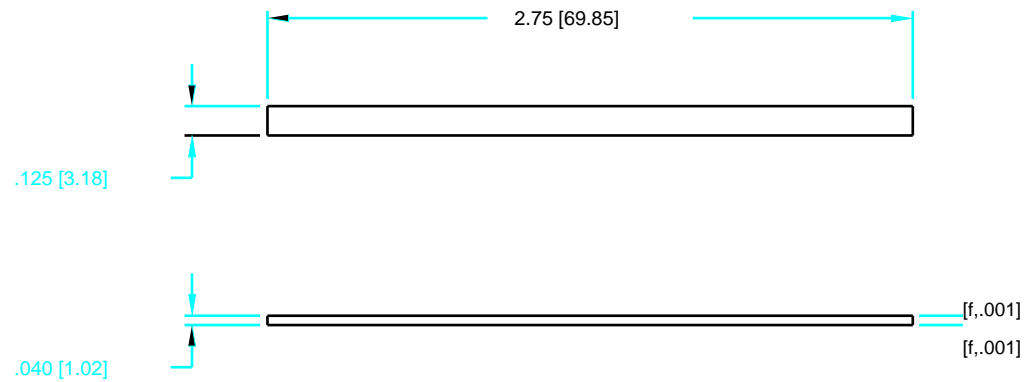


(B)

PLOT SCALE: 2=1

DWG. SCALE: 1

A2332800



NOTES:

1. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
2. WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY
6. SURFACE ROUGHNESS 63 ✓

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2332800	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES		DRAWN BY J.GOGOL	DATE 8/25/95	CHIEF DESIGN ENGINEER
DECIMALS		CHECKED BY		GP LEADER
ANGULAR		DESIGNER J.GOGOL	DATE 8/25/95	PROJECT MGR.
SURFACE ROUGHNESS ✓		RESPONSIBLE ENGINEER		APPROVED/RELEASED
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		TITLE ADVANCED PHOTON SOURCE		
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST AMSI 144		X1-83 CRYSTAL HOLDER FOR 3-ID-A KOHZU PRESSURE PAD		
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST AMSI 114.3		MATERIAL OFHC COPPER		
DO NOT SCALE DRAWING		SCALE 2:1	SIZE B	DRAWING NUMBER P4105091103-830012-00
		SHEET 1 of 1		